# **WEST Search History**

DATE: Friday, March 14, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	SPB,JPAB,EPAB,DWPI,TDBD;	I	
L18	L15 and tick	· 33	L18
L17	L15 and anaplasmosis	5	L17
L16	L15 and marginale	9	L16
L15	113 or L14	321	L15
L14	((424/191.1)!.CCLS.)	170	L14
L13	((424/265.1)!.CCLS.)	184	L13
L12	L11 and vaccin?	24	L12
L11	17 and marginale	34	L11
L10	17 and surface protein antigen	3	L10
L9	L7	125	L9
L8	L7 and msp1a	3	L8
L7	anaplasmosis	125	L7
L6	blouin-edmour-f.in.	3	L6
L5	garcia-jose-carlos.in.	0	L5
L4	garcia garcia-jose-carlos.in.	0	L4
L3	kocan-katherine-m.in.	3	L3
L2	fuente-jose in.	0	L2
L1	de la fuente-jose-de jesus in.	0	L1
	•		

END OF SEARCH HISTORY

#### WEST

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## Search Results - Record(s) 1 through 20 of 24 returned.

☐ 1. Document ID: US 20020127242 A1

L12: Entry 1 of 24

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127242

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127242 A1

TITLE: Immunoprotective recombinant antigen from anaplasma marginale, vaccine

compositions and methods of use

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

STATE COUNTRY RULE-47 CITY NAME US Stillwater OK de la Fuente, Jose de Jesus US OK Perkins Kocan, Katherine M. US OK Stillwater Garcia-Garcia, Jose Carlos US OK Perkins Blouin, Edmour F.

US-CL-CURRENT: 424/191.1

# Folk: Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Citation | MAC | Diam Desc | Image

2. Document ID: US 20020019353 A1

L12: Entry 2 of 24

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019353

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019353 A1

TITLE: Use of azalide antibiotic compositions for treating or preventing a bacterial

or protozoal infection in mammals

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Canning, Peter Connor Terre Haute IN US
Boettner, Wayne Alan Noank CT US

US-CL-CURRENT: 514/28

# Full Fills: File | Castion | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Dimo | Dimo Desc | Image |

3. Document ID: US 6376236 B1

L12: Entry 3 of 24

File: USPT

Apr 23, 2002

Record List Display

US-PAT-NO: 6376236

DOCUMENT-IDENTIFIER: US 6376236 B1

TITLE: Recombinant alphavirus particles

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Dubensky, Jr.; Thomas W. Rancho Sante Fe CA
Polo; John M. San Diego CA
Ibanez; Carlos E. San Diego CA

Driver; David A. San Diego CA

US-CL-CURRENT: 435/320.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC | Draws Desc | Image |

4. Document ID: US 6342372 B1

L12: Entry 4 of 24 File: USPT Jan 29, 2002

US-PAT-NO: 6342372

DOCUMENT-IDENTIFIER: US 6342372 B1

TITLE: Eukaryotic layered vector initiation systems for production of recombinant

proteins

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Dubensky, Jr.; Thomas W. Rancho Sante Fe CA
Polo; John M. San Diego CA
Driver; David A. San Diego CA

US-CL-CURRENT: 435/69.1; 435/455, 536/23.2, 536/23.72, 536/24.1

Full | Title | Citation | Front | Seviere | Classification | Cate | Reference | Sequences | Affachments |

Kowic | Draw Desc | Image |

5. Document ID: US 6242571 B1

L12: Entry 5 of 24 File: USPT Jun 5, 2001

US-PAT-NO: 6242571

DOCUMENT-IDENTIFIER: US 6242571 B1

TITLE: Serological identification of cattle, sheep or goats infected with anaplasma

species

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

US-CL-CURRENT: 530/350; 530/822, 536/23.7

Full | Title | Cilation | Front | Review | Classification | Data | Reterence | Sequences | Attachments

Simil Diant Desc Irosope

6. Document ID: US 6015694 A

L12: Entry 6 of 24

File: USPT

Jan 18, 2000

US-PAT-NO: 6015694

DOCUMENT-IDENTIFIER: US 6015694 A

TITLE: Method for stimulating an immune response utilizing recombinant alphavirus

particles

DATE-ISSUED: January 18, 2000

INVENTOR - INFORMATION:

COUNTRY STATE ZIP CODE CITY NAME

CA Rancho Sante Fe Dubensky, Jr.; Thomas W. CA San Diego Polo; John M. CA San Diego Chang; Steven M.W. CA Leucadia Jolly; Douglas J.

US-CL-CURRENT:  $\underline{435/69.3}$ ;  $\underline{424/199.1}$ ,  $\underline{424/204.1}$ ,  $\underline{424/228.1}$ ,  $\underline{424/234.1}$ ,  $\underline{424/265.1}$ , 424/274.1, 424/277.1, 536/23.5, 536/23.7, 536/23.72

Full Title Chatron Front Feview Classification Date Reference Sequences Attachments

KVoiC Drawi Dezo Image

7. Document ID: US 6015686 A

L12: Entry 7 of 24

File: USPT

Jan 18, 2000

US-PAT-NO: 6015686

DOCUMENT-IDENTIFIER: US 6015686 A

TITLE: Eukaryotic layered vector initiation systems

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME

CA Rancho Sante Fe Dubensky, Jr.; Thomas W. CA San Diego Polo; John M. CA Leucadia Jolly; Douglas J. CA San Diego Driver; David A.

US-CL-CURRENT:  $\underline{435}/\underline{69.1}$ ;  $\underline{435}/\underline{320.1}$ ,  $\underline{435}/\underline{325}$ ,  $\underline{435}/\underline{410}$ ,  $\underline{435}/\underline{455}$ ,  $\underline{435}/\underline{456}$ ,  $\underline{536}/\underline{23.5}$ , 536/23.72, 536/24.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachinents |

FVGC | Drawt Desc | Image |

#### 3. Document ID: US 5869335 A

L12: Entry 8 of 24

File: USPT

Feb 9, 1999

US-PAT-NO: 5869335

DOCUMENT-IDENTIFIER: US 5869335 A

TITLE: Method of growing rickettsiae in Ixodes scapularis tick cell culture and

preparing antigens and vaccines of rickettsiae

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Munderloh; Ulrike G.	Falcon Heights	MN			
Kurtti; Timothy J.	Falcon Heights	MN			
Kocan; Katherine M.	Stillwater	OK			
Blouin; Edmour F.	Stillwater	OK			
Ewing; Sidney A.	Stillwater	OK			

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374, 435/395, 435/400

Full | Title | Citation | Front | Review | Classication | Data | Reference | Sequences | Attochments

KWC Brain Desc Image

#### 9. Document ID: US 5843723 A

L12: Entry 9 of 24

File: USPT

Dec 1, 1998

US-PAT-NO: 5843723

DOCUMENT-IDENTIFIER: US 5843723 A

TITLE: Alphavirus vector constructs

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY Rancho Sante Fe CA Dubensky, Jr.; Thomas W. CA Polo; John M. San Diego CA San Diego Ibanez; Carlos E. Chang; Stephen M. W. CA San Diego CA Jolly; Douglas J. Leucadia San Diego CA Driver; David A. CA San Diego Belli; Barbara A.

US-CL-CURRENT:  $\underline{435}/\underline{69.3}$ ;  $\underline{435}/\underline{235.1}$ ,  $\underline{435}/\underline{320.1}$ ,  $\underline{435}/\underline{325}$ 

Full : Title | Cdation | Front | Review | Claradication | Date | Reference | Sequences | Attachments

KNAC Errave Descriptinge

L12: Entry 10 of 24

File: USPT

Sep 29, 1998

US-PAT-NO: 5814482

DOCUMENT-IDENTIFIER: US 5814482 A

TITLE: Eukaryotic layered vector initiation systems

DATE-ISSUED: September 29, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME 92067 Rancho Sante Fe CA Dubensky, Jr.; Thomas W. 92109 CA San Diego Polo; John M. 92024 CA Leucadia Jolly; Douglas J. 92117 CA San Diego Driver; David A.

US-CL-CURRENT:  $\underline{435}/\underline{69.3}$ ;  $\underline{435}/\underline{320.1}$ ,  $\underline{536}/\underline{23.1}$ ,  $\underline{536}/\underline{24.1}$ 

Full Title Citation Front Feview Classification Data Reference Sequences Attachments

KNOC - Draw Dezo - Image :

# 11. Document ID: US 5798219 A

L12: Entry 11 of 24

File: USPT

Aug 25, 1998

COUNTRY

US-PAT-NO: 5798219

DOCUMENT-IDENTIFIER: US 5798219 A

TITLE: Serological identification of cattle, sheep or goats infected with anaplasma

species

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE CITY NAME WA Pullman Knowles; Donald P. WA Pullman McGuire; Travis C. WA Pullman Palmer; Guy H. Pullman WA Davis; William C. WA Pullman McElwain; Terry F.

US-CL-CURRENT: 435/7.93; 435/340, 435/70.21, 530/388.4

Full | Title | Clabon | Front | Review | Classification | Date | Reference | Sequences | Attachments

rough Draw Date Image:

# ☐ 12. Document ID: US 5789245 A

L12: Entry 12 of 24

File: USPT

Aug 4, 1998

US-PAT-NO: 5789245

DOCUMENT-IDENTIFIER: US 5789245 A

TITLE: Alphavirus structural protein expression cassettes

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME Rancho Sante Fe CA Dubensky, Jr.; Thomas W. CA San Diego Polo; John M. CA San Diego Ibanez; Carlos E. CA San Diego Chang; Stephen M. W. CA Leucadia Jolly; Douglas J. CA San Diego Driver; David A.

US-CL-CURRENT: 435/320.1; 435/325, 435/69.1, 536/23.72

Foll | Title | Citation | Front | Sexion | Classication | Date | Reference | Sequences | Attachments |

KMAD | Draw Desc | Image

### 13. Document ID: US 5549898 A

L12: Entry 13 of 24

File: USPT

Aug 27, 1996

US-PAT-NO: 5549898

DOCUMENT-IDENTIFIER: US 5549898 A

TITLE: Immunogenic anaplasma marginale surface antigens, compositions, and methods

DATE-ISSUED: August 27, 1996

INVENTOR-INFORMATION:

COUNTRY ZIP CODE STATE CITY NAME 99163 Pullman WA McGuire; Travis C. WA 99163 Pullman Palmer; Guy H. FL32618 Archer Barbet; Anthony F. 99163 WΑ Pullman Davis; William C.

US-CL-CURRENT: 424/269.1; 424/265.1, 424/266.1, 424/270.1

Full Title Citation Front Feview Classification Data Reference Sequences Attachments Killing Draw Description

14. Document ID: US 4956278 A

L12: Entry 14 of 24

File: USPT

Sep 11, 1990

US-PAT-NO: 4956278

DOCUMENT-IDENTIFIER: US 4956278 A

TITLE: Anaplasma  $\frac{\text{marginale}}{\text{said}}$  antigen, antigen compositions,  $\frac{\text{vaccine}}{\text{vaccine}}$  and process for the production of said antigen, antigen compositions and  $\frac{\text{vaccine}}{\text{vaccine}}$ 

DATE-ISSUED: September 11, 1990

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hart; Lewis T. Baton Rouge LA Luther; Donald G. Baton Rouge LA Todd; William J. Baton Rouge LA

 $\begin{array}{l} \text{US-CL-CURRENT: } \underline{435/30}; \ \underline{435/243}, \ \underline{435/245}, \ \underline{435/252.1}, \ \underline{435/259}, \ \underline{435/261}, \ \underline{435/261}, \ \underline{435/29}, \ \underline{435/418}, \ \underline{435/71.1}, \ \underline{435/71.2}, \ \underline{435/808}, \ \underline{435/947}, \ \underline{530/412}, \ \underline{530/414}, \ \underline{530/418}, \ \underline{530/420}, \\ \underline{530/829} \end{array}$ 

Fig. Title | Odation | Front | Review | Classication | Date | Reference | Securences | Attachments

Franc Desc Inlage

15. Document ID: US 4329331 A

L12: Entry 15 of 24

File: USPT

May 11, 1982

US-PAT-NO: 4329331

DOCUMENT-IDENTIFIER: US 4329331 A

TITLE: Diagnostic method for detection of systemic lupus erythematosus

DATE-ISSUED: May 11, 1982

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Kallick; Charles A.

Lemont IL 60439

US-CL-CURRENT:  $\underline{435}/\underline{7.22}$ ;  $\underline{422}/\underline{57}$ ,  $\underline{435}/\underline{252.1}$ ,  $\underline{435}/\underline{30}$ ,  $\underline{435}/\underline{4}$ ,  $\underline{435}/\underline{947}$ ,  $\underline{436}/\underline{506}$ ,

436/543, 530/389.1, 530/868

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KonC | Craw Desc | Image |

16. Document ID: US 3674860 A

L12: Entry 16 of 24

File: USPT

Jul 4, 1972

US-PAT-NO: 3674860

DOCUMENT-IDENTIFIER: US 3674860 A

TITLE: ANAPLASMOSIS VACCINES

DATE-ISSUED: July 4, 1972

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Welter; Clarence J.

Des Moines

IΑ

Ristic; Miodrag

Urbana

 $_{
m IL}$ 

US-CL-CURRENT: 424/269.1

Full | Title | Citation | Front | Review | Clarosication | Date | Reference | Sequences | Attachments

1000 Drain Desc Image

17. Document ID: US 3616202 A

L12: Entry 17 of 24

File: USPT

Oct 26, 1971

US-PAT-NO: 3616202

DOCUMENT-IDENTIFIER: US 3616202 A

TITLE: CULTURE OF ANAPLASMA MARGINALE

DATE-ISSUED: October 26, 1971

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Marble; Donald Wayne

Sparks NV

US-CL-CURRENT:  $\frac{435}{325}$ ;  $\frac{424}{234.1}$ ,  $\frac{435}{252.1}$ ,  $\frac{435}{405}$ ,  $\frac{435}{408}$ 

Full | Title | Citation | Front | Review | Classoniation | Date | Reference | Sequences | Attachments |

NMC Diam Desc Image

# 18. Document ID: US 20020127242 A1 WO 200236159 A2 AU 200230879 A

L12: Entry 18 of 24

File: DWPI

Sep 12, 2002

DERWENT-ACC-NO: 2002-508110

DERWENT-WEEK: 200262

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TITLE: New <u>vaccine</u> for inducing an immune response in a ruminate to provide protection against e.g. <u>anaplasmosis</u>, which is a tick-borne disease of cattle, comprises recombinant major surface protein antigens of Anaplasma <u>marginale</u>

INVENTOR: BLOUIN, E F; DE LA FUENTE, J D J ; GARCIA-GARCIA, J C ; KOCAN, K M

PRIORITY-DATA: 2000US-244333P (October 30, 2000), 2001US-0002636 (October 26, 2001)

PATENT-FAMILY:

MAIN-IPC LANGUAGE PAGES PUB-DATE PUB-NO A61K039/02 000 September 12, 2002 US 20020127242 A1 A61K039/02 030 May 10, 2002 WO 200236159 A2 000 A61K039/02 May 15, 2002 AU 200230879 A

INT-CL (IPC): A61 K 39/02; A61 P 31/04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

MMC Draw Bess Image:

# 19. Document ID: WO 9708296 A1 MX 9801510 A1 AU 9668559 A US 5869335 A BR 9610681 A

L12: Entry 19 of 24

File: DWPI

Mar 6, 1997

DERWENT-ACC-NO: 1997-179253

DERWENT-WEEK: 200019

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TITLE: Culturing rickettsiae in Ixodes scapularis tick cell cultures - providing high yields of antigenic materials for use in diagnosis and vaccines, esp. to

protect cattle against Anaplasma marginale

INVENTOR: BLOUIN, E F; EWING, S A ; KOCAN, K M ; KURTTI, T J ; MUNDERLOH, U G

PRIORITY-DATA: 1995US-0519599 (August 25, 1995)

PATENT-FAMILY:

THILDIAL LIMITAL.	_			
PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9708296 A1	March 6, 1997	E	091	C12N005/06
MX 9801510 A1	October 1, 1998		000	C12N005/06
AU 9668559 A	March 19, 1997		000	C12N005/06
US 5869335 A	February 9, 1999		000	C12N001/00
BR 9610681 A	August 3, 1999		000	C12N005/06

INT-CL (IPC): A61 K 39/00; C07 K 14/29; C07 K 14/45; C12 N 1/00; C12 N 5/06; C12 P  $\frac{21}{00}$ 

Fig. | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

PMIC Draw Daso Image

### 20. Document ID: AU 8930182 A BR 8900803 A US 4956278 A

L12: Entry 20 of 24

File: DWPI

Aug 24, 1989

DERWENT-ACC-NO: 1989-300720

DERWENT-WEEK: 198942

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TITLE: Anaplasma marginale antigen for use as vaccine - isolated free of erythrocyte

antigens so as to prevent neonatal isoerythrolysis in offspring of vaccinated

animals

PRIORITY-DATA: 1988US-0159394 (February 23, 1988)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

AU 8930182 A August 24, 1989 024
BR 8900803 A October 17, 1989 000
US 4956278 A September 11, 1990 000

INT-CL (IPC): A61K 39/04; C07K 3/12; C12N 1/20; C12P 21/00; C12Q 1/24

Full | Title | Citation | Frant | Review | Classification | Date | Reference | Securences | Attachments | ThinC | Praw Desc | Imag

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Term	Documents
VACCIN?	0
VACCINA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	299
VACCINC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
VACCINE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	30956
VACCING.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
VACCINI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
VACCINO.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
VACCINS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	183
(11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24
(L11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24

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### Search Results - Record(s) 21 through 24 of 24 returned.

### 21. Document ID: EP 196290 A JP 61227599 A AU 8655039 A DK 8601388 A ZA 8602185 A PT 82263 A ES 8800052 A CA 1272124 A

L12: Entry 21 of 24

File: DWPI

Oct 1, 1986

DERWENT-ACC-NO: 1986-259712

DERWENT-WEEK: 199736

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TITLE: Anaplasma marginale sub-unit antigens - useful for vaccination and diagnosis

INVENTOR: BARBET, A F; DAVIS, W C ; MCGUIRE, T C ; PALMER, G H

PRIORITY-DATA: 1985US-0761178 (July 31, 1985), 1985US-0715528 (March 25, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 196290 A	October 1, 1986	E	032	
JP 61227599 A	October 9, 1986		000	
AU 8655039 A	October 2, 1986		000	
DK 8601388 A	September 26, 1986		000	
ZA 8602185 A	December 29, 1986		000	
PT 82263 A	May 6, 1987		000	
ES 8800052 A	January 1, 1988		000	
CA 1272124 A	July 31, 1990		000	

INT-CL (IPC): A61K 39/02; C07K 15/00; C12P 21/00; G01N 33/56

Full | Title | Citation | Front | Review | Classification | Date | Reterence | Sequences | Attachments |

#### 22. Document ID: US 3674860 A

L12: Entry 22 of 24

File: DWPI

DERWENT-ACC-NO: 1972-46805T

DERWENT-WEEK: 197229

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TITLE: Anaplasmosis vaccine - for protection of cattle

PRIORITY-DATA: 1969US-0841597 (July 14, 1969), 1966US-0576545 (September 1, 1966)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES 000

MAIN-IPC

US 3674860 A

INT-CL (IPC): A61K 23/00

Full | Title | Citation | Front | Review | Claropholition | Date | Reservence | Sequences | Attachments |

MMC Diam Desc Image

23. Document ID: ZA 6803084 A AU 6837973 A

L12: Entry 23 of 24

File: DWPI

DERWENT-ACC-NO: 1967-04749H

DERWENT-WEEK: 196800

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TITLE: Anaplasmosis vaccines

PRIORITY-DATA: 1968ZA-0683084 (May 14, 1968), 1968ZA-0003084 (May 14, 1968)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

000

MAIN-IPC

ZA 6803084 A AU 6837973 A

000

Full Title Colation Front Review Classification Frate Evierence Sequences Affachments

MildC Draw Desc Image:

24. Document ID: ZA 6803084 A AU 6837973 A GB 1186636 A

L12: Entry 24 of 24

File: DWPI

DERWENT-ACC-NO: 1966-35705F

DERWENT-WEEK: 196800

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TITLE: Anaplasmosis vaccines

PRIORITY-DATA: 1968ZA-0683084 (May 14, 1968), 1968ZA-0003084 (May 14, 1968)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

ZA 6803084 A

IOD Dill

LANGUAGE

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AU 6837973 A GB 1186636 A

000

Full Title Citation Front Review Classification Crate Reference Sequences Attachments

KWC Drawt Desc Image

Generate Collection

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Term	Documents
VACCIN?	0
VACCINA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	299
VACCINC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
VACCINE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	30956
VACCING.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
VACCINI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
VACCINO.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
VACCINS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	183
(11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24
(L11 AND VACCIN?).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24

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<b>Display Format:</b>	 Change Format

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#### WEST

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#### Search Results - Record(s) 1 through 20 of 33 returned.

1. Document ID: US 20020187160 A1

L18: Entry 1 of 33

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020187160

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020187160 A1

TITLE: Vaccine delivery system

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

WA

COUNTRY

RULE-47

Stein, Daniel C. Stover, Charles K. Silver Spring Mercer Island MD US

US

US-CL-CURRENT: 424/186.1; 424/190.1, 424/191.1

Full | Title | Citation | From | Review | Classification | Pale | Reference | Sequences | Attachments |

KNMC Draw Desc Image

2. Document ID: US 20020160017 A1

L18: Entry 2 of 33

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020160017

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020160017 A1

TITLE: Malaria vaccine

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

STATE COUNTRY RULE-47 CITY NAME London GB Holder, Anthony GB London Birdsall, Berry GB London Feeney, James GB London Morgan, William London GB Syed, Shabih Bangkok Uthaipibull, Chairat

US-CL-CURRENT: 424/191.1; 435/189, 435/7.3, 514/44, 536/23.2

Full Title Citation Front Sevieum Classification Date Reference Sequences Attachments

PMC Eraw Dase Image

#### 3. Document ID: US 20020127242 A1

Record List Display

L18: Entry 3 of 33

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127242

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127242 A1

TITLE: Immunoprotective recombinant antigen from anaplasma marginale, vaccine

compositions and methods of use

PUBLICATION-DATE: September 12, 2002

INVENTOR - INFORMATION:

CITY	STATE	COUNTRY	RULE-47
Stillwater	OK	US	
Perkins	OK	US	
Stillwater	OK	US	
Perkins	OK	US	
	Stillwater Perkins Stillwater	Stillwater OK Perkins OK Stillwater OK	Stillwater OK US Perkins OK US Stillwater OK US

US-CL-CURRENT: 424/191.1

Full | Title | Citation | Front | Sexious | Classication | Date | Reference | Sequences | Attachments |

4. Document ID: US 20020064533 A1

L18: Entry 4 of 33

File: PGPB

STATE

May 30, 2002

RULE-47

PGPUB-DOCUMENT-NUMBER: 20020064533

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020064533 A1

TITLE: HBV core antigen particles with multiple immunogenic components attached via

peptide ligands

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

CITY NAME

GB

Edinburgh Murray, Kenneth

US-CL-CURRENT:  $\underline{424}/\underline{227.1}$ ;  $\underline{424}/\underline{204.1}$ ,  $\underline{424}/\underline{211.1}$ ,  $\underline{424}/\underline{212.1}$ ,  $\underline{424}/\underline{217.1}$ ,  $\underline{424}/\underline{218.1}$ ,  $\frac{424/226.1}{424/256.1}, \frac{424/232.1}{424/258.1}, \frac{424/234.1}{424/265.1}, \frac{424/239.1}{424/275.1}, \frac{424/240.1}{530/327}, \frac{424/247.1}{530/328}, \frac{424/248.1}{248.1},$ 

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COUNTRY

5. Document ID: US 6482415 B1

L18: Entry 5 of 33

File: USPT

Nov 19, 2002

US-PAT-NO: 6482415

DOCUMENT-IDENTIFIER: US 6482415 B1

TITLE: Expression and refolding of truncated recombinant major outer membrane protein antigen (r56) of Orientia tsutsugamushi and its use in antibody based

detection assays and vaccines

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ching; Wei-Mei Bethesda MD

Kelly: Daryl J Newark OH

Kelly; Daryl J. Newark OH
Dasch; Gregory A. Stone Mountain GA

US-CL-CURRENT:  $\underline{424}/\underline{234.1}$ ;  $\underline{424}/\underline{185.1}$ ,  $\underline{424}/\underline{191.1}$ ,  $\underline{530}/\underline{300}$ ,  $\underline{530}/\underline{350}$ 

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6. Document ID: US 6451315 B1

L18: Entry 6 of 33 File: USPT Sep 17, 2002

US-PAT-NO: 6451315

DOCUMENT-IDENTIFIER: US 6451315 B1

TITLE: Compounds and methods for the diagnosis and treatment of B. microti infection

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Reed; Steven G.

Lodes; Michael J.

Houghton; Raymond L.

Sleath; Paul R.

McNeill; Patricia D.

Bellevue

WA

Beattle

WA

Seattle

WA

McNeill; Patricia D.

Bellevue

WA

Des Moines

WA

US-CL-CURRENT:  $\underline{424}/\underline{191.1}$ ;  $\underline{424}/\underline{184.1}$ ,  $\underline{424}/\underline{185.1}$ ,  $\underline{424}/\underline{192.1}$ ,  $\underline{424}/\underline{265.1}$ ,  $\underline{424}/\underline{270.1}$ ,  $\underline{435}/\underline{69.3}$ ,  $\underline{435}/\underline{69.7}$ ,  $\underline{435}/\underline{7.1}$ ,  $\underline{435}/\underline{7.22}$ ,  $\underline{435}/\underline{71.1}$ ,  $\underline{514}/\underline{44}$ ,  $\underline{530}/\underline{350}$ ,  $\underline{530}/\underline{822}$ 

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | House | Graw Dase | Image |

7. Document ID: US 6432407 B1

L18: Entry 7 of 33 File: USPT Aug 13, 2002

US-PAT-NO: 6432407

DOCUMENT-IDENTIFIER: US 6432407 B1

TITLE: Antigenic protein originating in malassezia

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME Takesako; Kazutoh Okado; Takashi Yagihara; Tomoko Kuroda; Masanobu Onishi; Yoshimi Kato; Ikunoshin Akiyama; Kazuo Yasueda; Hiroshi	CITY Otsu Soraku-gun Hikone Otsu Kyoto Uji Kawasaki Sagamihara	STATE	ZIP CODE	COUNTRY JP JP JP JP JP JP
Yasueda; Hiroshi Yamaguchi; Hideyo	Sagamihara Kawasaki			JP JP

US-CL-CURRENT:  $\frac{424}{184.1}$ ;  $\frac{424}{185.1}$ ,  $\frac{424}{191.1}$ ,  $\frac{424}{265.1}$ ,  $\frac{424}{275.1}$ ,  $\frac{424}$ 

Full | Title | Citation | Front | Review | Classification | Date | Reterence | Sequences | Attachments

KMMC Draw Desc Image

8. Document ID: US 6406900 B1

L18: Entry 8 of 33

File: USPT

Jun 18, 2002

US-PAT-NO: 6406900

DOCUMENT-IDENTIFIER: US 6406900 B1

TITLE: Flea protease proteins, nucleic acid molecules and uses thereof

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hunter; Shirley Wu Ft. Collins CO Stiegler; Gary L. Ft. Collins CO Gaines; Patrick J. Ft. Collins CO

US-CL-CURRENT: 435/212; 424/265.1, 530/350, 530/858

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

ROWC | Grave Desc | Image |

9. Document ID: US 6403093 B1

L18: Entry 9 of 33

File: USPT

Jun 11, 2002

US-PAT-NO: 6403093

DOCUMENT-IDENTIFIER: US 6403093 B1

TITLE: Methods to detect granulocytic ehrlichiosis

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Persing; David H. Rochester MN Bruinsma; Elizabeth S. Rochester MN

US-CL-CURRENT:  $\frac{424}{184.1}$ ;  $\frac{424}{136.1}$ ,  $\frac{424}{185.1}$ ,  $\frac{424}{190.1}$ ,  $\frac{424}{190.1}$ ,  $\frac{424}{191.1}$ ,  $\frac{424}{192.1}$ ,  $\frac{424}{234.1}$ ,  $\frac{424}{241.1}$ ,  $\frac{435}{69.1}$ ,  $\frac{435}{69.1}$ ,  $\frac{530}{300}$ ,  $\frac{530}{350}$ ,  $\frac{530}{350}$ ,  $\frac{530}{380}$ ,  $\frac{530}{387.1}$ ,

530/388.4, 530/388.7, 530/827

Foll | Title | Citation | Front | Feelen | Classification | Date | Reference | Sequences | Attachments

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10. Document ID: US 6355777 B1

L18: Entry 10 of 33

File: USPT

Mar 12, 2002

US-PAT-NO: 6355777

DOCUMENT-IDENTIFIER: US 6355777 B1

TITLE: P43 antigen for the immunodiagnosis of canine ehrlichiosis and uses thereof

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Walker; David H. McBride; Jere W.

Galveston Galveston

TX

ΤX

US-CL-CURRENT: 530/350; 424/184.1, 424/185.1, 424/190.1, 424/191.1, 424/192.1, 424/206.1, 424/234.1, 424/265.1, 435/41, 435/70.1, 435/71.1, 435/91.1, 530/300, 536/23.1, 536/23.7

Fell Title Chatron Front Feview Classification Date Reference Sequences Attachments

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11. Document ID: US 6306396 B1

L18: Entry 11 of 33

File: USPT

Oct 23, 2001

US-PAT-NO: 6306396

DOCUMENT-IDENTIFIER: US 6306396 B1

TITLE: Compounds and methods for the diagnosis and treatment of B. microti infection

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Reed; Steven G.

Bellevue

WA

Lodes; Michael J.

WA

Seattle

WA

Houghton; Raymond Sleath; Paul R.

Bothell Seattle WA

US-CL-CURRENT: 424/191.1; 424/192.1, 424/270.1, 530/327, 530/350

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

MMC Draw Desc Image:

12. Document ID: US 6235283 B1

L18: Entry 12 of 33

File: USPT

May 22, 2001

US-PAT-NO: 6235283

DOCUMENT-IDENTIFIER: US 6235283 B1

TITLE: DNA encoding a cell membrane glycoprotein of a tick gut

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME AU New South Wales Cobon; Gary Stewart SE Umea Moore; Joanna Terry AU Capalaba Johnston; Law Anthony Yorke ΑU Chapel Hill Willadsen; Peter AU Upper Brookfield Kemp; David Harold AU Florey Sriskantha; Alagacone ΑU Indooroopilly Riding; George Alfred ΑU Frenchs Forest Rand; Keith Norman

US-CL-CURRENT: 424/185.1; 424/191.1, 424/265.1, 514/12, 514/89, 530/300, 530/350, 530/395, 530/858

Full | Title | Cristion | Front | Feview | Classification | Crate | Reference | Sequences | Attachments |

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13. Document ID: US 6183976 B1

L18: Entry 13 of 33

File: USPT

Feb 6, 2001

US-PAT-NO: 6183976

DOCUMENT-IDENTIFIER: US 6183976 B1

TITLE: Compounds and methods for the diagnosis and treatment of B. microti infection

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Reed; Steven G. Bellevue WA
Lodes; Michael J. Seattle WA
Houghton; Raymond Bothell WA
Sleath; Paul R. Seattle WA

Full 1 Title | Citation | Front | Review | Classification | Trate | Reference | Sequences | Attachments |

US-CL-CURRENT:  $\frac{435}{7.22}$ ;  $\frac{424}{191.1}$ ,  $\frac{424}{270.1}$ ,  $\frac{530}{350}$ ,  $\frac{530}{822}$ 

14. Document ID: US 6090394 A

L18: Entry 14 of 33 File: USPT Jul 18, 2000

US-PAT-NO: 6090394

DOCUMENT-IDENTIFIER: US 6090394 A

TITLE: Parasiticidal pyrazoles

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Banks; Bernard Joseph Sandwich GB

US-CL-CURRENT: 424/265.1; 514/341, 548/356.1, 548/371.1, 548/371.4, 548/372.5, 548/377.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attochments |

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15. Document ID: US 6063902 A

L18: Entry 15 of 33

File: USPT

May 16, 2000

US-PAT-NO: 6063902

DOCUMENT-IDENTIFIER: US 6063902 A

TITLE: Ectoparasite histamine releasing factor, genes and uses thereof

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Stiegler; Gary L.

Ft. Collins

CO

US-CL-CURRENT: 530/350; 424/184.1, 424/185.1, 424/191.1, 424/265.1, 424/275.1, 424/276.1,  $424/\overline{278.1}$ ,  $435/\overline{69.1}$ ,  $435/\overline{69.3}$  ,  $530/\overline{300}$ ,  $530/\overline{324}$ ,  $\overline{530/325}$ ,  $530/\overline{326}$ , 530/327, 530/328, 530/329, 530/361, 530/858

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Affachments | Kwill | Draw Dezo | Image |

16. Document ID: US 6045806 A

L18: Entry 16 of 33

File: USPT

Apr 4, 2000

US-PAT-NO: 6045806

DOCUMENT-IDENTIFIER: US 6045806 A

TITLE: Babesia vaccine

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME Schetters; Theodorus Petrus Maria CITY STATE ZIP CODE

COUNTRY

NLCuyk

US-CL-CURRENT: 424/270.1; 424/265.1

Full | Table | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

KWWC Drawt Desc Image

☐ 17. Document ID: US 6019986 A

L18: Entry 17 of 33

File: USPT

Feb 1, 2000

US-PAT-NO: 6019986

DOCUMENT-IDENTIFIER: US 6019986 A

TITLE: Parasiticidal pyrazoles

DATE-ISSUED: February 1, 2000

Record List Display

INVENTOR-INFORMATION:

NAME

STATE ZIP CODE

COUNTRY

Banks; Bernard Joseph

Sandwich

GB

US-CL-CURRENT: 424/265.1; 514/341, 546/275.4, 546/290

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

PARIO | Draw Desc | Image |

18. Document ID: US 5980911 A

L18: Entry 18 of 33

File: USPT

Nov 9, 1999

US-PAT-NO: 5980911

DOCUMENT-IDENTIFIER: US 5980911 A

TITLE: Adjuvant

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME CITY

Corner; Leigh Austin Romsey

Rothel; James Stuart

Seow; Heng Fong Footscray

Wood; Paul Richard

McWaters; Peter Ivanhoe

STATE ZIP CODE COUNTRY

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UΑ

AU

UA

AU AU

US-CL-CURRENT: 424/265.1; 424/278.1, 530/351

Full Title Citation Front Feview Classification Date Reference Sequences Attachments

Glenhuntly

Lower Templestowe

KOMC | Draws Desc | Image |

19. Document ID: US 5955359 A

L18: Entry 19 of 33

File: USPT

Sep 21, 1999

US-PAT-NO: 5955359

DOCUMENT-IDENTIFIER: US 5955359 A

TITLE: Method of growing granulocytic ehrlichiae of the Ehrlichia phagocytophila genogroup in promyelocytic leukemia cell culture, and preparing antigens and vaccines of said granulocytic ehrlichiae

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Dumler; J. Stephen 'Ellicott City MD Madigan; John Woodland CA Goodman; Jesse Minneapolis MN

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374, 435/395

Full | Title | Citation | Front | Review | Classification | Cate | Reference | Sequences | Affachments |

FindC Draw Freso Image:

20. Document ID: US 5928879 A

L18: Entry 20 of 33

File: USPT

Jul 27, 1999

US-PAT-NO: 5928879

DOCUMENT-IDENTIFIER: US 5928879 A

TITLE: Method of diagnosing human granulocytic Ehrlichiosis

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

COUNTRY STATE ZIP CODE CITY NAME MD Ellicott City Dumler; J. Stephen Falcon Heights MN Munderloh; Ulrike G. Woodland CA Madigan; John MN Minneapolis Goodman; Jesse MNFalcon Heights Kurtti; Timothy J.

US-CL-CURRENT: 435/7.21; 424/234.1, 424/265.1, 435/243, 435/366, 435/367, 435/372.1, 435/40.52, 435/7.95

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Term	Documents
TICK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	8709
TICKS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	7216
(15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33
(L15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33

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#### Search Results - Record(s) 21 through 33 of 33 returned.

21. Document ID: US 5871738 A

L18: Entry 21 of 33

File: USPT

Feb 16, 1999

US-PAT-NO: 5871738

DOCUMENT-IDENTIFIER: US 5871738 A

TITLE: Nematode vaccine

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Sharp; Phillip John

Glebe

ΑU

Wagland; Barry Maxwell

Carlingford

ΑU

US-CL-CURRENT: 424/184.1; 424/191.1, 530/350, 530/403

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MMC Draw Daso Image

22. Document ID: US 5869335 A

L18: Entry 22 of 33

File: USPT

Feb 9, 1999

US-PAT-NO: 5869335

DOCUMENT-IDENTIFIER: US 5869335 A

TITLE: Method of growing rickettsiae in Ixodes scapularis tick cell culture and

preparing antigens and vaccines of rickettsiae

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Munderloh; Ulrike G. Falcon Heights MN Kurtti; Timothy J. Falcon Heights MN Kocan; Katherine M. Stillwater OK Blouin; Edmour F. Stillwater OK Ewing; Sidney A. Stillwater OK

US-CL-CURRENT: 435/348; 424/265.1, 435/243, 435/248, 435/253.6, 435/260, 435/374, 435/395, 435/400

Full little Citation Front Review Classification Date Reference Sequences Attachments

KWIC | Draw Desc | Image |

23. Document ID: US 5766609 A

L18: Entry 23 of 33

File: USPT

Jun 16, 1998

US-PAT-NO: 5766609

DOCUMENT-IDENTIFIER: US 5766609 A

TITLE: Use of protease inhibitors and protease vaccines to protect animals from flea

infestation

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grieve; Robert B.	Windsor	CO		
Rushlow; Keith E.	Ft. Collins	CO		
Hunter; Shirley Wu	Ft. Collins	CO		
Frank; Glenn R.	Wellington	CO		
Heath; Andrew	Sheffield			GB
Yamanaka; Miles	Sacramento	CA		
Arfsten; Ann	Belmont	CA		
Dale; Beverly	Los Altos	CA		

US-CL-CURRENT: 424/265.1; 530/350, 530/858

full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

KMC Draw Desc Image

24. Document ID: US 5734035 A

L18: Entry 24 of 33

File: USPT

Mar 31, 1998

US-PAT-NO: 5734035

DOCUMENT-IDENTIFIER: US 5734035 A

TITLE: Nematode vaccine

DATE-ISSUED: March 31, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME Glebe ΑU Sharp; Phillip John ΑU Carlingford Wagland; Barry Maxwell

US-CL-CURRENT:  $\underline{536}/\underline{23.1}$ ;  $\underline{424}/\underline{184.1}$ ,  $\underline{424}/\underline{265.1}$ ,  $\underline{424}/\underline{93.1}$ ,  $\underline{435}/\underline{252.3}$ ,  $\underline{435}/\underline{254.11}$ , 435/254.2,  $435/\overline{320.1}$ ,  $435/\overline{325}$ ,  $435/\overline{348}$ ,  $435/\overline{419}$ ,  $435/\overline{69.1}$ ,  $530/\overline{350}$ ,  $536/\overline{23.5}$ 

Full | Title | Citation | Front | Revision | Classification | Date | Reference | Sequences | Affactioneris

MMC Draw Desc Image

25. Document ID: US 5712143 A

L18: Entry 25 of 33

File: USPT

Jan 27, 1998

US-PAT-NO: 5712143

DOCUMENT-IDENTIFIER: US 5712143 A

TITLE: Flea protease proteins, nucleic acid molecules, and uses thereof

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

COUNTRY STATE ZIP CODE CITY NAME CO Ft. Collins Grieve; Robert B. CO Ft. Collins Rushlow; Keith E. CO Ft. Collins Hunter; Shirley Wu CO Wellington Frank; Glenn R. Ft. Collins CO Stiegler; Gary L.

US-CL-CURRENT: 435/212; 424/265.1, 514/830, 530/413

Field | Title | Citation | Front | Rowled | Classification | Pale | Reference | Sequences | Attachments |

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26. Document ID: US 5650154 A

L18: Entry 26 of 33

File: USPT

Jul 22, 1997

US-PAT-NO: 5650154

DOCUMENT-IDENTIFIER: US 5650154 A

TITLE: Protective antigens against disease pathogens

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME Theresia Meeusen; Elza ΑU Kensington, Victoria 3550 Nicole ΑU Ivanhoe, Victoria 3079 Brandon; Malcolm Roy AU Malvern, Victoria 3144 Bowles; Vernon Morrison AU Balwyn, Victoria 3103 Walker; John Annandale, New South Wales AU Gorrell; Mark Douglas 2038

US-CL-CURRENT:  $\underline{424/265.1}$ ;  $\underline{424/245.1}$ ,  $\underline{424/266.1}$ ,  $\underline{530/350}$ ,  $\underline{530/412}$ 

Full Title Citation Front Review Classification Date Reference Sequences Altochments

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27. Document ID: US 5549898 A

L18: Entry 27 of 33

File: USPT

Aug 27, 1996

US-PAT-NO: 5549898

DOCUMENT-IDENTIFIER: US 5549898 A

TITLE: Immunogenic anaplasma marginale surface antigens, compositions, and methods

of use

DATE-ISSUED: August 27, 1996

INVENTOR-INFORMATION:

COUNTRY CITY STATE ZIP CODE NAME 99163 McGuire; Travis C. Pullman WA 99163 Palmer; Guy H. Pullman WA Barbet; Anthony F. Archer FL32618 Pullman WA 99163 Davis; William C.

US-CL-CURRENT: 424/269.1; 424/265.1, 424/266.1, 424/270.1

Full | Title | Citation | Front | Review | Classification | Date | Reterence | Sequences | Attachments |

KMC Diam Fresc Image

28. Document ID: US 5356622 A

L18: Entry 28 of 33

File: USPT

Oct 18, 1994

US-PAT-NO: 5356622

DOCUMENT-IDENTIFIER: US 5356622 A

TITLE: Flea midgut-supernatant vaccines

DATE-ISSUED: October 18, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Heath; Andrew W.

Menlo Park Redwood City CA CA

Yamanaka; Miles

Fremont

CA

Arfsten; Ann Dale; Beverly

Los Altos

CA

US-CL-CURRENT: 424/265.1; 514/830, 530/427, 530/858

Full : Title | Citation | Front | Review | Classification | Date | Reverence | Sequences | Affachments

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29. Document ID: US 5344645 A

L18: Entry 29 of 33

File: USPT

Sep 6, 1994

US-PAT-NO: 5344645

DOCUMENT-IDENTIFIER: US 5344645 A

TITLE: Immunogens derived from pathogen-free tick species or cell lines, and tick

vaccines derived therefrom

DATE-ISSUED: September 6, 1994

INVENTOR-INFORMATION:

CITY

STATE ZIP CODE

COUNTRY

Wikel; Stephen K.

NAME

Stillwater

OK

US-CL-CURRENT: 424/265.1; 424/184.1, 530/350

Full | Title | Citation | Front | Review | Classification | Plate | Reference | Sequences | Attachmenas |

iang: Draw Desc Image:

30. Document ID: US 5273884 A

L18: Entry 30 of 33

File: USPT

Dec 28, 1993

US-PAT-NO: 5273884

DOCUMENT-IDENTIFIER: US 5273884 A

TITLE: Polypetides, antigens or vaccines protective against babesiosis

DATE-ISSUED: December 28, 1993

INVENTOR-INFORMATION:

COUNTRY STATE ZIP CODE CITY NAME ΑU Brisbane Gale; Kevin G. ΑU Queensland Waltisbuhl; David J. ΑU Brisbane Wright; Ian G. AU New South Wales Goodger; Brian V.

US-CL-CURRENT:  $\underline{424}/\underline{191.1}$ ;  $\underline{424}/\underline{266.1}$ ,  $\underline{424}/\underline{270.1}$ ,  $\underline{435}/\underline{69.1}$ ,  $\underline{435}/\underline{7.22}$ ,  $\underline{530}/\underline{350}$ , 530/388.1,  $530/\overline{388.6}$ ,  $536/\overline{23.1}$ 

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10000 Draw Desc Image

31. Document ID: US 5273744 A

L18: Entry 31 of 33

File: USPT

Dec 28, 1993

US-PAT-NO: 5273744

DOCUMENT-IDENTIFIER: US 5273744 A

TITLE: Vaccines for the protection of animals against theileria infection

DATE-ISSUED: December 28, 1993

INVENTOR-INFORMATION:

COUNTRY STATE ZIP CODE CITY NAME UG Kampala Musoke; Anthony J.

GB2 Cambridge Nene; Vish

PΑ Pittsburgh Iams; Keith

UG Mbale Nantulya; Vinand M.

US-CL-CURRENT:  $\underline{424}/\underline{191.1}$ ;  $\underline{424}/\underline{266.1}$ ,  $\underline{424}/\underline{269.1}$ ,  $\underline{435}/\underline{69.3}$ ,  $\underline{530}/\underline{350}$ ,  $\underline{530}/\underline{395}$ ,  $\underline{530}/\underline{806}$ , <u>536/23.7</u>, <u>930/210</u>

Full : Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

NMC Brain Desc Image

32. Document ID: US 4891219 A

L18: Entry 32 of 33

File: USPT

Jan 2, 1990

US-PAT-NO: 4891219

DOCUMENT-IDENTIFIER: US 4891219 A

TITLE: Method for immunization against and treatment of infection by ectoparasites

and endoparasites

DATE-ISSUED: January 2, 1990

INVENTOR-INFORMATION:

COUNTRY ZIP CODE STATE CITY NAME CA Davis

Karr, Jr.; Stephen L. CA Davis Benjamini; Elizer Woodland CA Scibienski; Robert J. CA Davis Grimes; Stephen

 $\begin{array}{l} \text{US-CL-CURRENT:} \ \ \underline{424/145.1}; \ \ \underline{424/151.1}, \ \ \underline{424/194.1}, \ \ \underline{424/195.11}, \ \ \underline{424/198.1}, \ \ \underline{424/265.1}, \\ \underline{514/12}, \ \ \underline{514/2}, \ \ \underline{514/2}, \ \ \underline{514/885}, \ \ \underline{530/388.24}, \ \ \underline{530/388.6}, \ \ \underline{530/388.9}, \ \ \underline{530/399}, \ \ \underline{530/399}, \ \ \underline{530/402}, \ \ \underline{530/403}, \\ \underline{530/810}, \ \ \underline{530/811}, \ \ \underline{530/812}, \ \ \underline{530/816} \\ \end{array}$ 

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

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33. Document ID: GB 2142334 A

L18: Entry 33 of 33

File: EPAB

Jan 16, 1985

PUB-NO: GB002142334A

DOCUMENT-IDENTIFIER: GB 2142334 A TITLE: Immunogenic preparations

PUBN-DATE: January 16, 1985

INVENTOR-INFORMATION:

NAME

COUNTRY

DHADIALLA, TARLOCHAN SINGH MANGO, CHRISTINE KAVIN MONGI, ABDUL OMARI VUNDLA, ROSALIND MARY WAHA

US-CL-CURRENT:  $\frac{424}{178.1}$ ;  $\frac{424}{184.1}$ ,  $\frac{424}{265.1}$ ,  $\frac{424}{266.1}$ ,  $\frac{514}{8}$  INT-CL (IPC): CO7G 7/00; A61K 35/64

EUR-CL (EPC): A61K039/00; C07K014/435

Fell | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

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Term	Documents
TICK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	8709
TICKS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	7216
(15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33
(L15 AND TICK).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	33

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